

1 Abstract of the Disclosure

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3 The present invention relates to a control unit (1), for automotive applications in
4 particular, with: a frame (8) that includes a recess (9) across which electrical
5 conductive tracks (10) extend to supply electrical power; a base plate (11) that is
6 inserted in the frame (8); a circuit carrier (12) on which electronic components
7 are mounted and which is installed on the base plate (11); an electrical
8 connection (14) for connecting the circuit carrier (12) with the conductive tracks
9 (10); and a cover (4) for hermetically sealing the control unit (1), the cover
10 including a shaped section that is insertable in the associated recess (9) in the
11 frame (8); whereby a sealing gel (16) is provided in recess (9) with a viscosity
12 such that the sealing gel (16) can flow around the electrical conductive tracks
13 (10) that extend across the recess (9). The present invention further relates to a
14 manufacturing method for manufacturing a control unit (1) of this type.

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16 (Figure 8)

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